

CCC/CCC-A Navigator

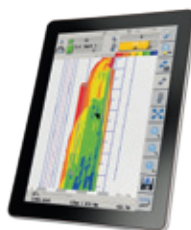
Digitized asphalt road-building with the **Völkel Navigator**



VÖLKE
MIKROELEKTRONIK

Völkel Navigator – one for all

Digitized road-building - simple, effective and efficient



Designed for universal use on pavers, asphalt and single drum rollers, making it flexible and attractively priced.



1.] Navigator kit

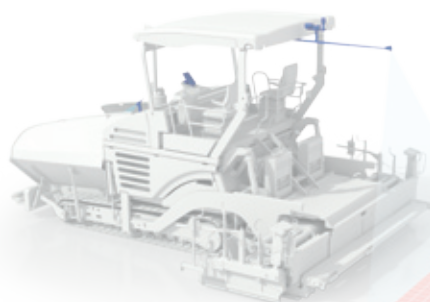
Components

Single drum roller



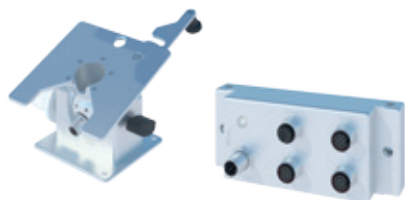
Asphalt roller

Völkel Navigator



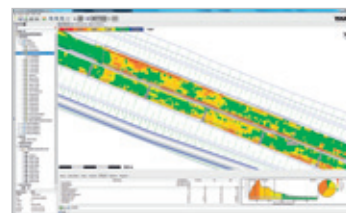
Paver

2.] Set-up package



Use this package to set up machines as needed and to adapt your fleet to suit requirements.

3.] PC software CompactDoc

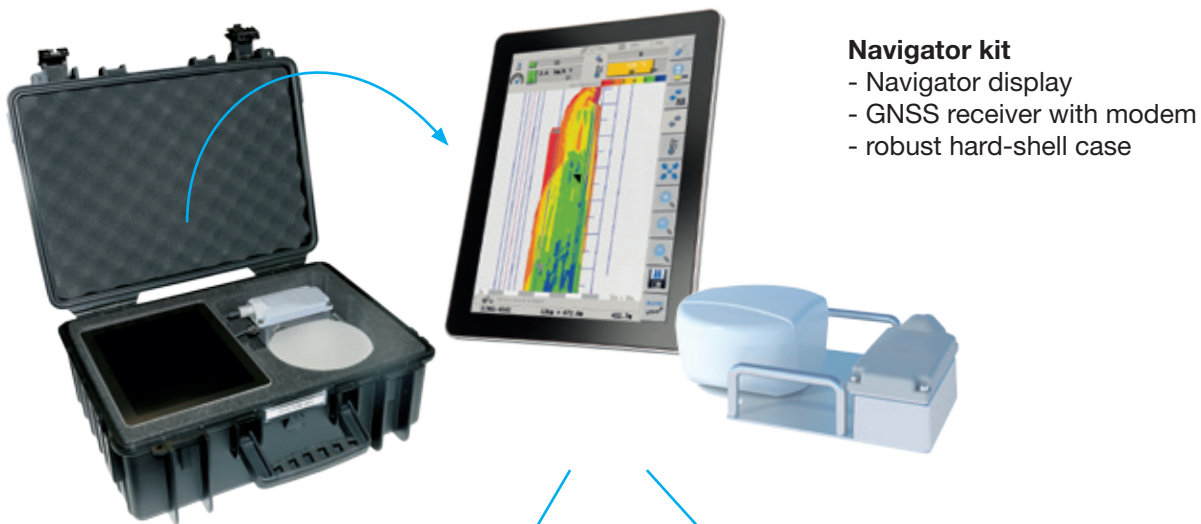


All-in-one: Transparency, analysis, remote maintenance and documentation.

One system for all machines

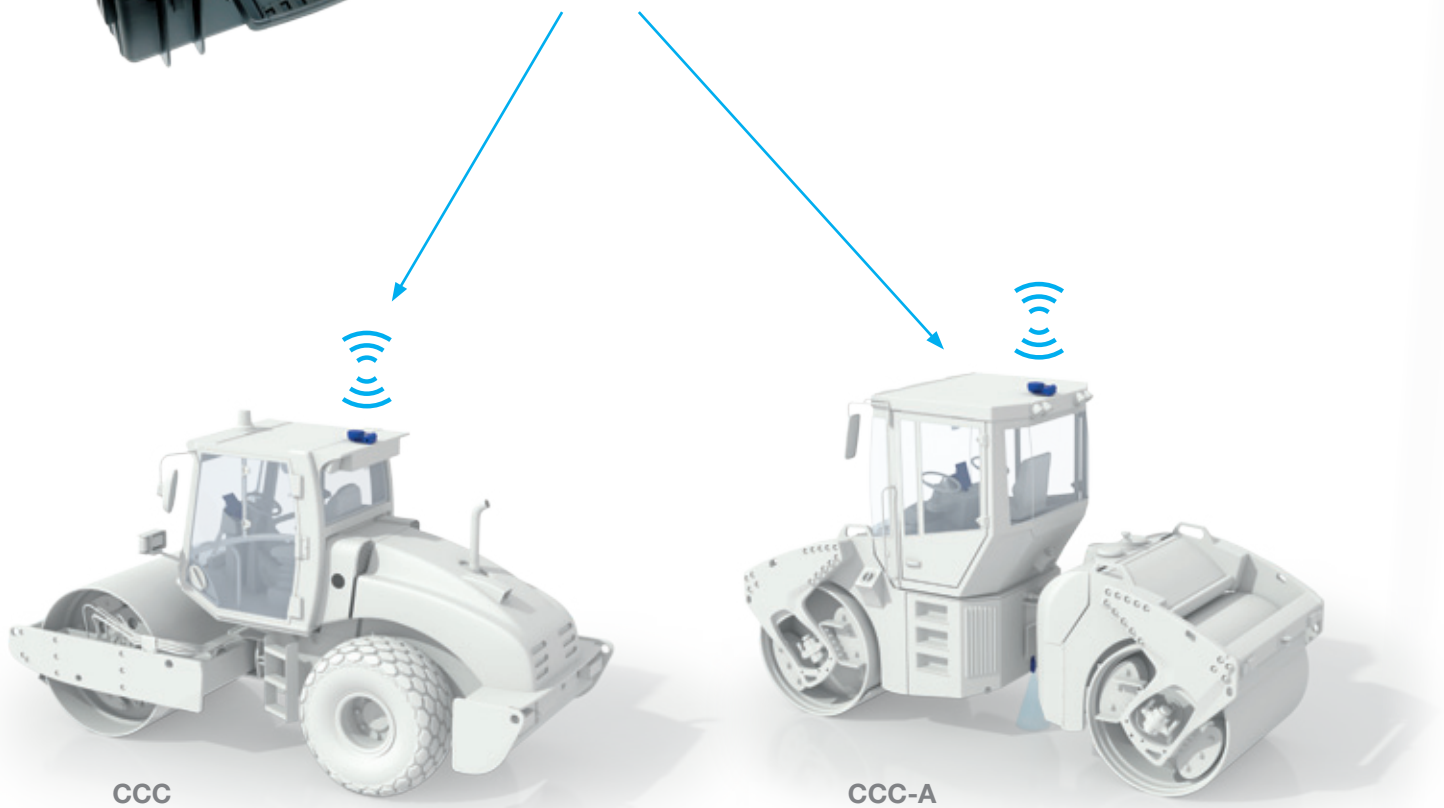
Navigator kit

- use flexibly and to suit requirements
- networking of all machines via the Cloud



Navigator kit

- Navigator display
- GNSS receiver with modem
- robust hard-shell case



Fleet set-up

- independent of manufacturer and machine
- can be retrofitted without any problem
- can be extended in a modular fashion

Clear separation of set-up package and Navigator kit

Navigator kit

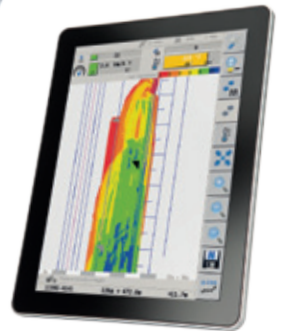
The Navigator display can be installed and removed in a few simple operations using a quick-change unit. The GNSS receiver with modem is positioned precisely and quickly using powerful magnets.



- Navigator kit**
- Navigator display
 - GNSS receiver with modem
 - Robust hard-shell case



GNSS receiver with modem



Navigator display with quick-change connection

Quick-change display mount

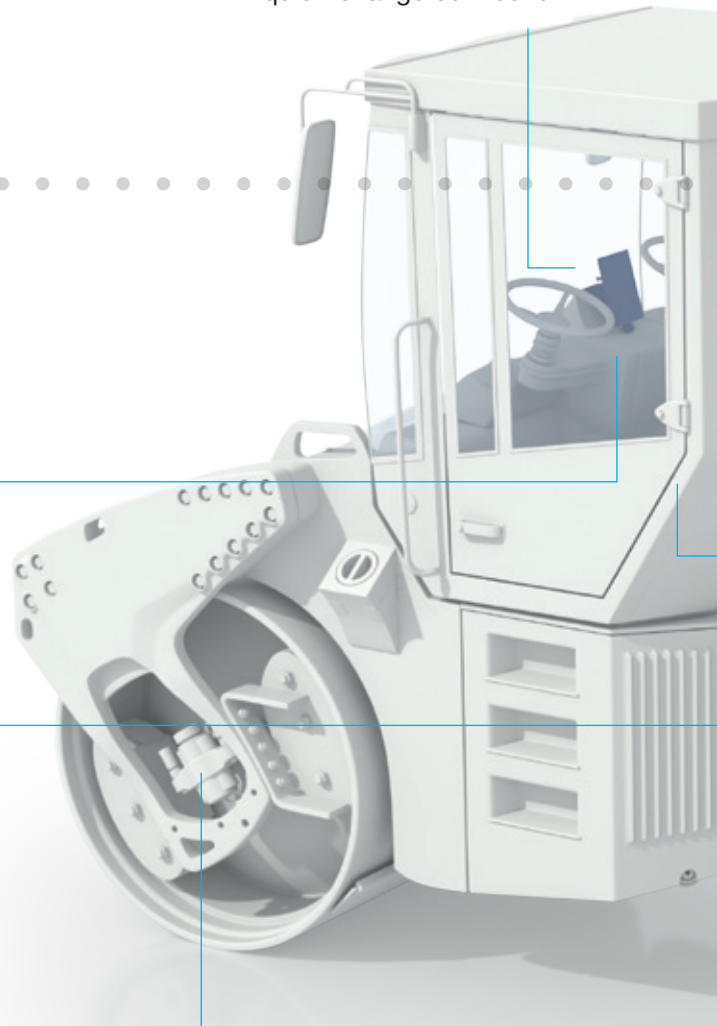
Can be positioned flexibly during installation



Asphalt temperature sensor

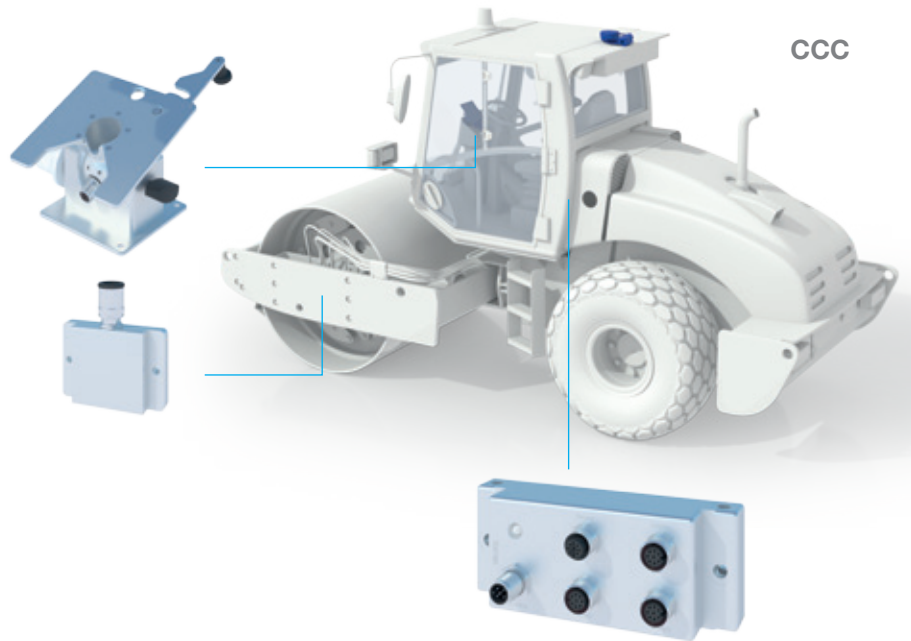


Vibration and oscillation sensors



Quick-change display mount
Can be positioned flexibly during installation

Compaction sensor



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Intelligent node

Set-up package

The set-up package includes all permanently installed parts and can be installed on any desired machine, irrespective of the manufacturer of the vehicle. Machine-specific settings are saved in the intelligent node.

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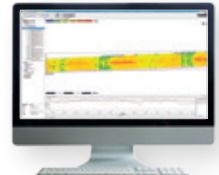


Intelligent node

Digitized earthworks and asphalt road-building with the Völkel Navigator

Networking of all machines via a neutral server

Stable wireless data transmission with national and international roaming



CompactDoc

Supervision of all current building projects on the PC



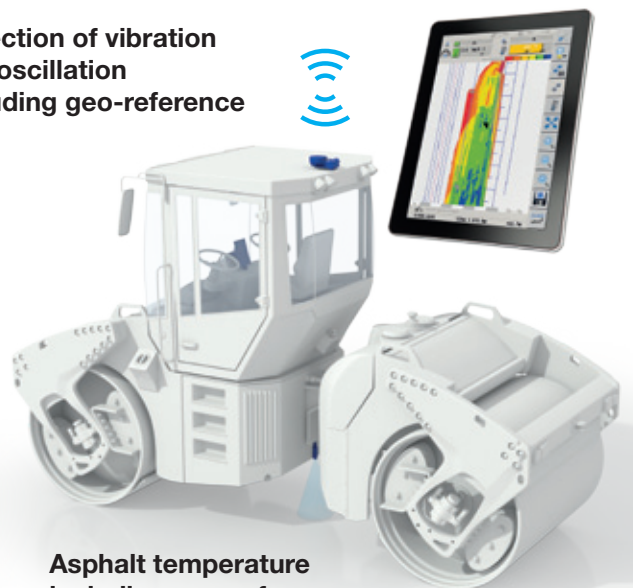
Integration of all project-related user data including geo-references



Compaction sensor including geo-reference

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Detection of vibration and oscillation including geo-reference



Asphalt temperature including geo-reference

CCC-A

PC-Software CompactDoc | Völkel-Service

CompactDoc – All-In-One: Transparency, analysis, remote maintenance and documentation

With the Völkel Cloud Server and our universal PC software solution CompactDoc you have access at all times to

these analysis and evaluation functions

- Statistics, measuring points, measuring value diagrams
- Comparison of compression and/or temperature and rigidity data
- Customisable reporting functions, e.g. road scheme
- Export (CSV, KMZ)
- Documentation with detailed views and evaluations

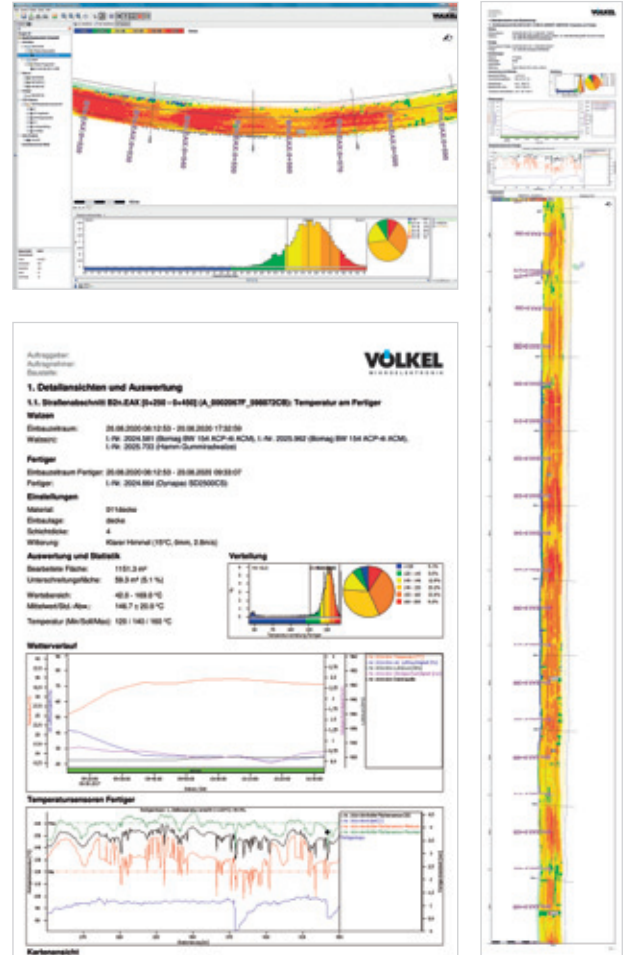
Administration options on the building site

- Remote function on the navigators on rollers
- Incorporation of CAD data and axis data
- Definition of setpoint and limit values
- Rights management

Automatic data synchronisation

Unified program and database

- Single drum roller
- Pavers and
- Asphalt roller



Völkel Service

We focus on delivering perfect customer service. Our goal is always to present complex content in a simple manner and to make you successful.

- Consultancy support before, during or after operations
- On-site support on the building site
- Training
- After-Sales
- Support during installation of the set-up package on the machine

We are always pleased to assist you with any specific requirements or general enquiries you may have. Please do not hesitate to contact us! Our team is there to help you at any time - on the telephone or in a personal meeting on your premises or here in our offices.

We are always there beside you.





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